

## **Description of Additional Supplementary Files**

### **Supplementary Data 1**

**List of RBP target genes grouped into clusters I-V, which are dynamically regulated upon naïve CD8<sup>+</sup> T cell activation.**

Significantly differentially expressed genes at 6 and 18 hours after T cell activation were included using a  $\log_2FC > 1.3$  or  $< -1.3$  cut off and an adjusted p value  $\leq 0.05$  (analysed by DESeq2; Wald test followed by Benjamini-Hochberg correction for adjusted p-values). Genes are grouped according to their molecular and physiological function within each cluster. Cluster I contains the list of target genes which are induced 6 hours after activation. Cluster II contains target genes which are induced 6 and 18h after activation. Cluster III contains target genes which are only induced at 18 after activation. Cluster IV and V contain genes which show reduced expression compared to unstimulated cells 6h or 18h after activation respectively.